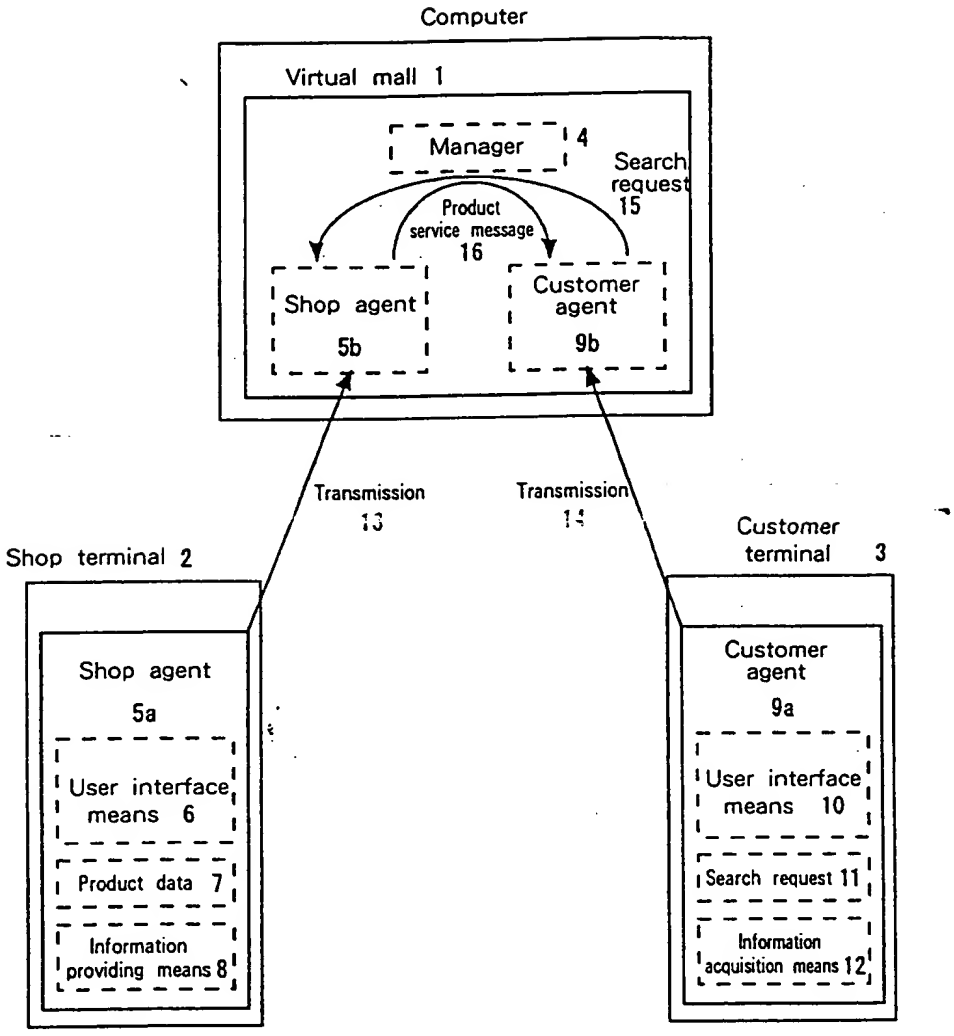
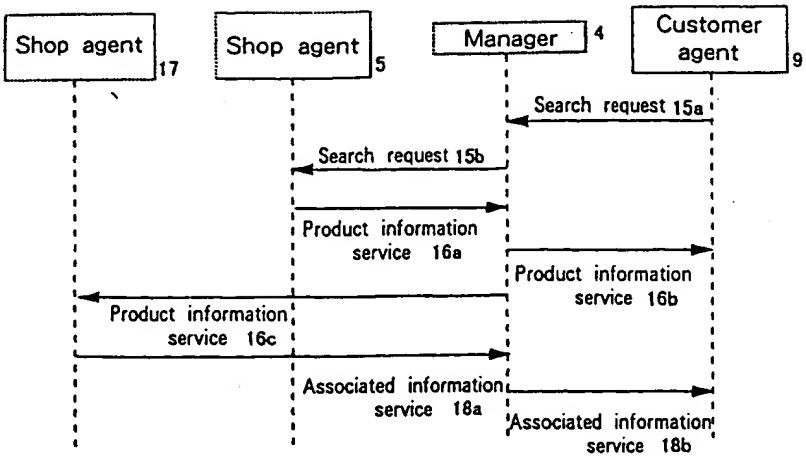
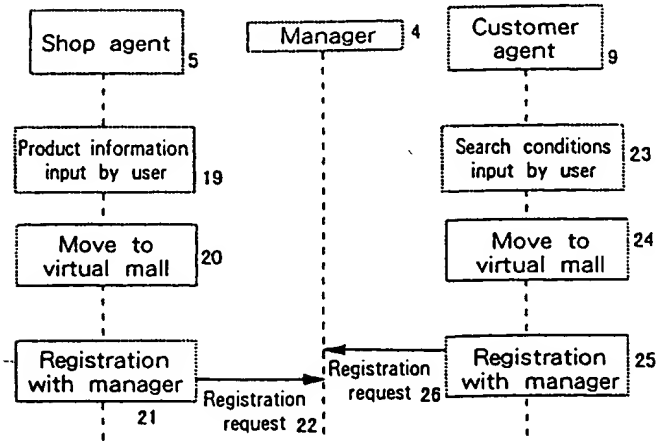

Computer
Virtual mall 1
Manager
4
Search request
15
Product service message
16
Shop agent
5b
Customer agent
9b
Transmission
13
Transmission
14
Shop terminal 2
Shop agent
5a
User interface means 6
Product data 7
Information providing means 8
Customer terminal 3
Customer agent
9a
User interface means 10
Search request 11
Information acquisition means 12

Fig. 1



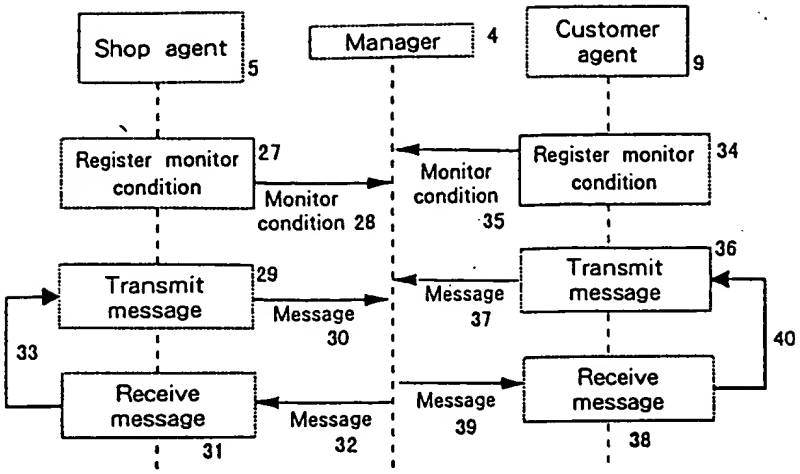
Interaction example. including monitoring

Fig. 2



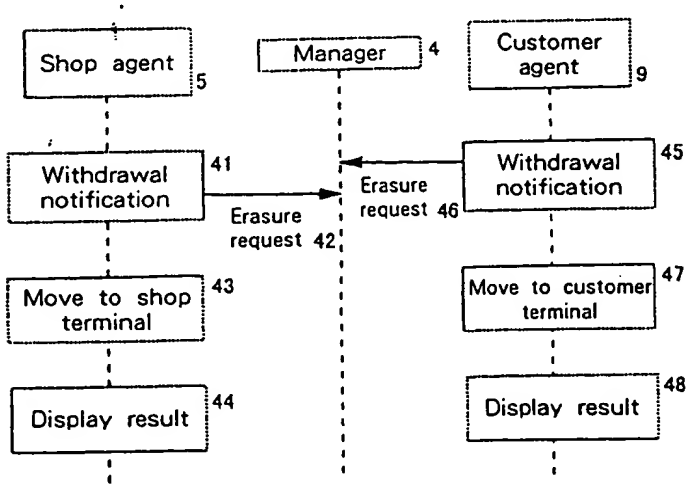
Processing flow (1)

Fig. 3



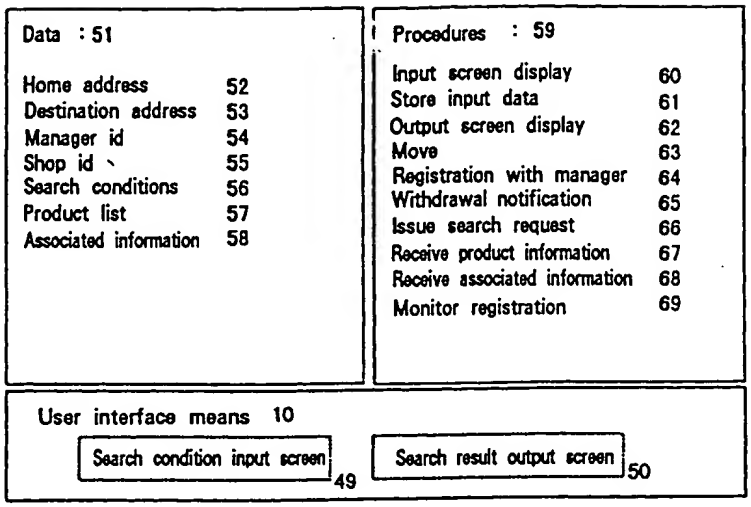
Processing flow (2)

Fig. 4



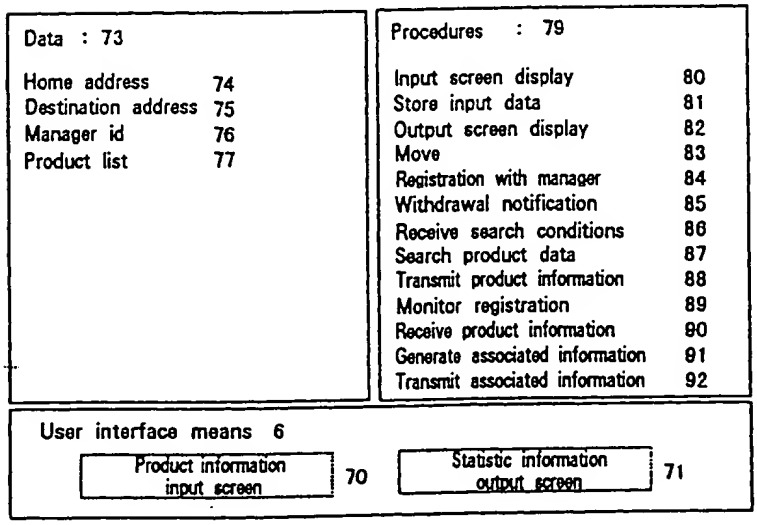
Processing flow (3)

Fig. 5



Customer agent details

Fig. 6



Shop agent details

Fig. 7

Data : 93	
Customer list	94
Shop list	95
Monitor condition table	96

Procedures : 97	
Register agent	98
Erase registration	99
Receive message	100
Transfer message	101
Accept monitor registration	102
Transfer message to another agent	103

Manager details

Fig. 8

CATEGORY=NOTEBOOK	104
MAKER=SHARP	105
BRAND=MebiusNote	106
NAME=MebiusNote 7350	107
MODEL=MN-7350	108
PRICE=418000	109
ID=#0	110
CPU=Pentium 150	111
MEMORY=32	112

Product description example

Fig. 9

CATEGORY=NOTEBOOK	113
MAKER=SHARP	114
PRICE<500000	115

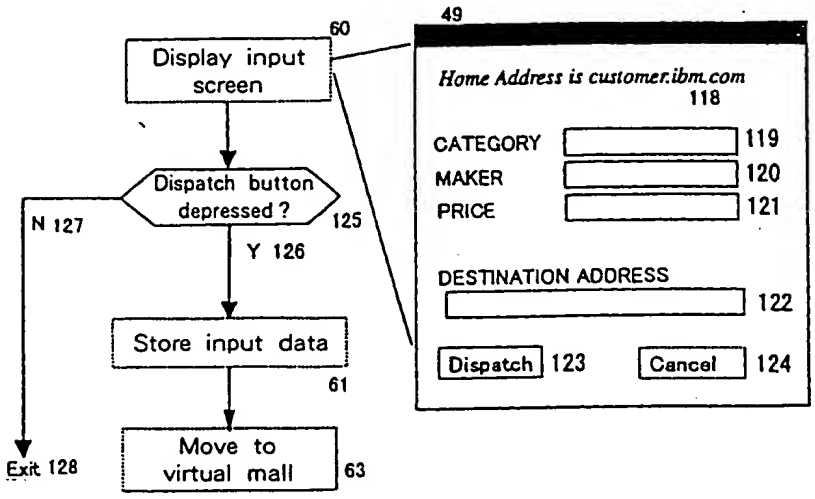
Search condition description example

Fig. 10

CATEGORY=NOTEBOOK	116
PRICE<500000	117

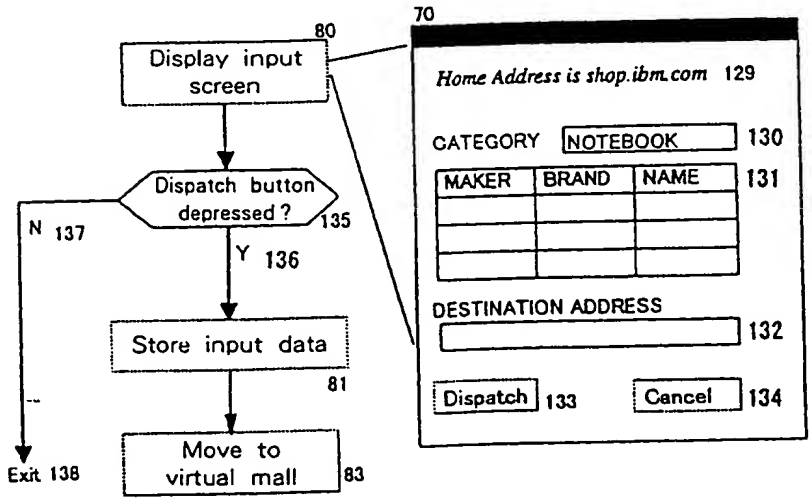
Monitor condition description example

Fig. 11



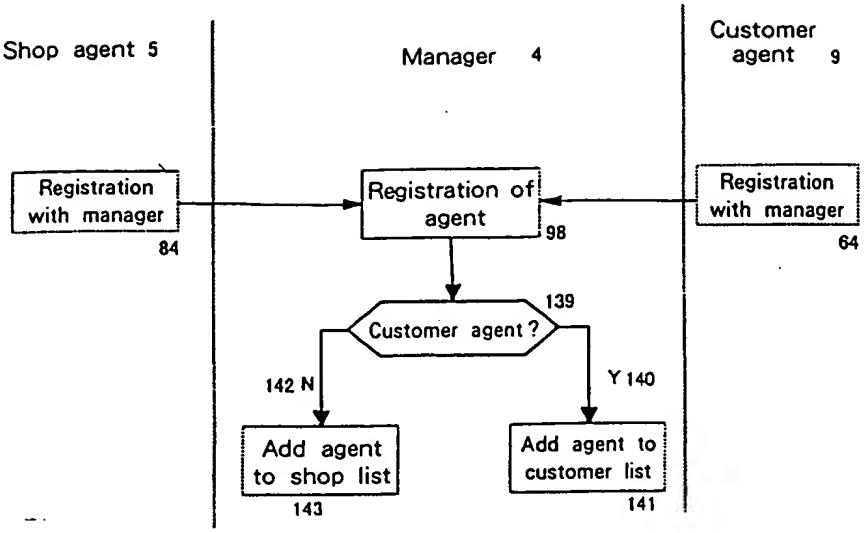
Search conditions input at customer terminal

Fig. 12



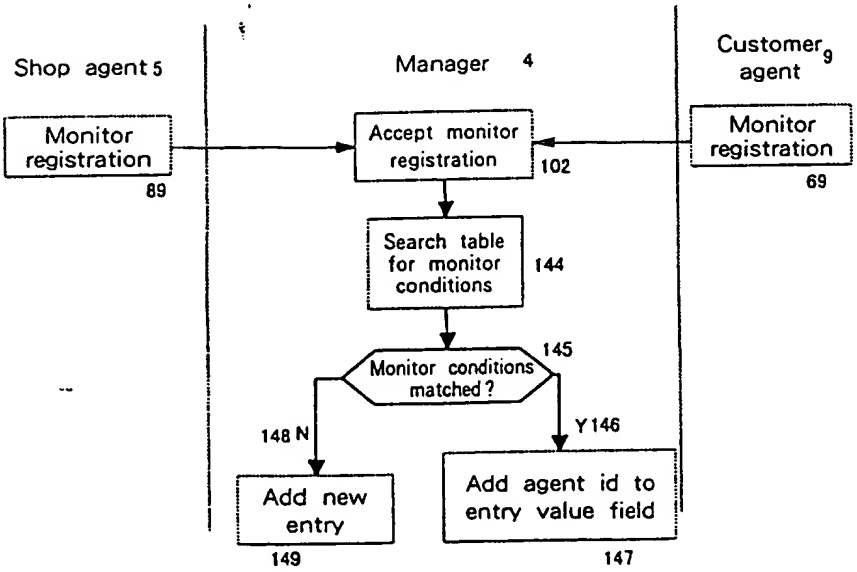
Product information input at shop terminal

Fig. 13



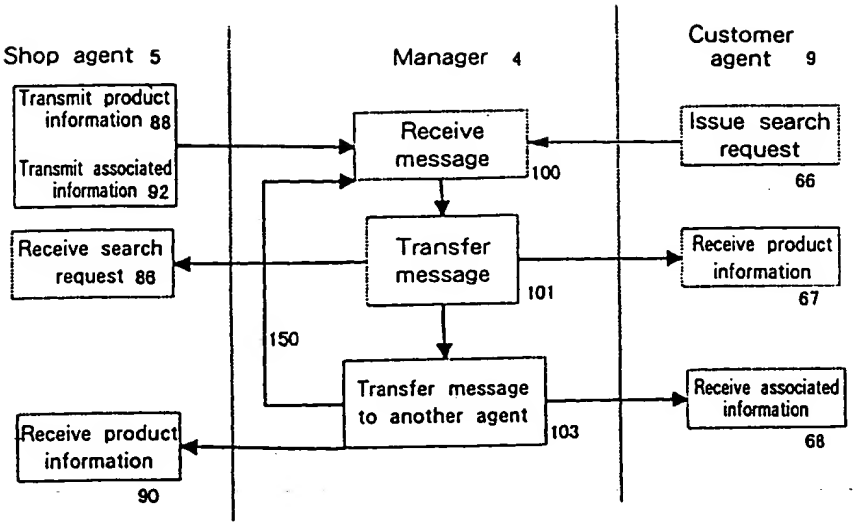
Registration with manager

Fig. 14



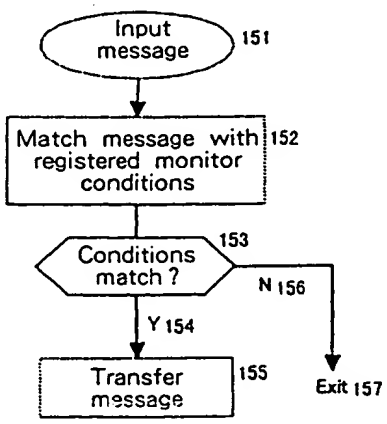
Registration of monitor condition

Fig. 15



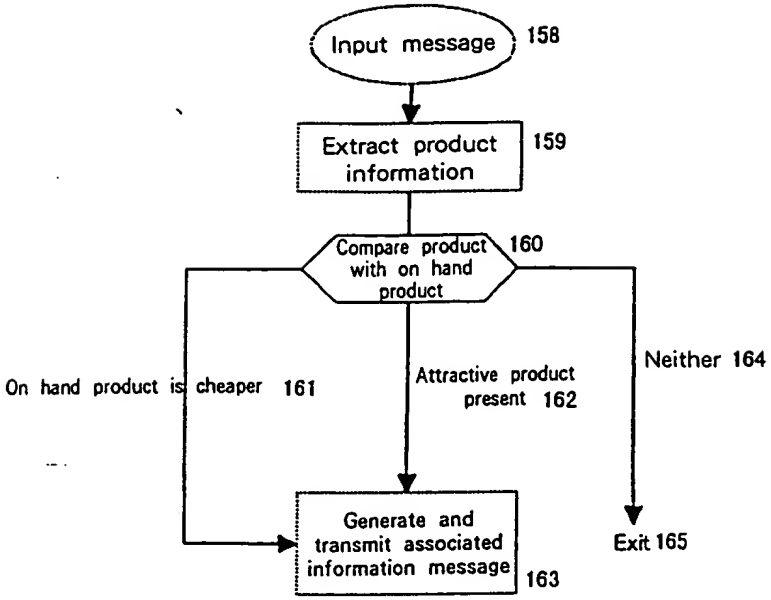
Transmission flow for message

Fig. 16



Flowchart for transferring message to another agent

Fig. 17



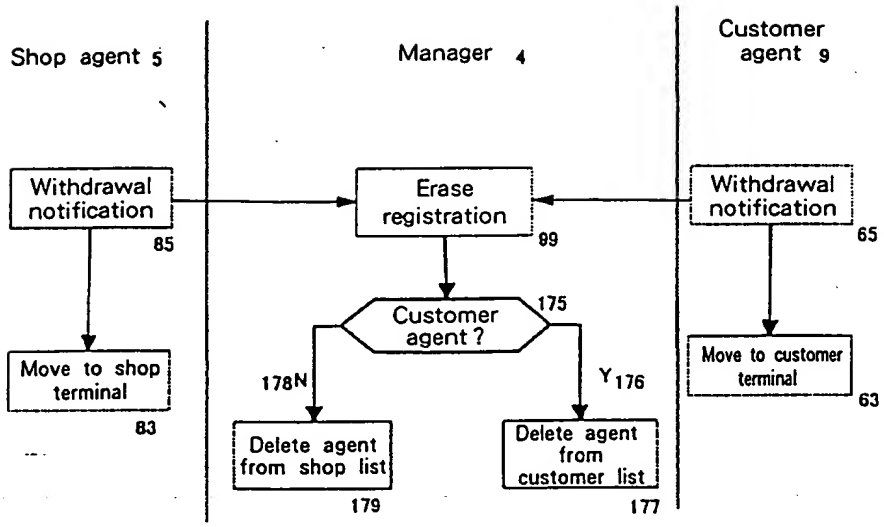
Genetate and transmit of asscíated information

Fig. 18

CATEGORY=NoteBook	166
MAKER=IBM	167
BRAND=ThinkPad	168
NAME=ThinkPad365X	169
MODEL=2625-BJ9	170
PRICE=338000	171
ID=#7	172
CPU=Pentium 150	173
MEMORY=8	174

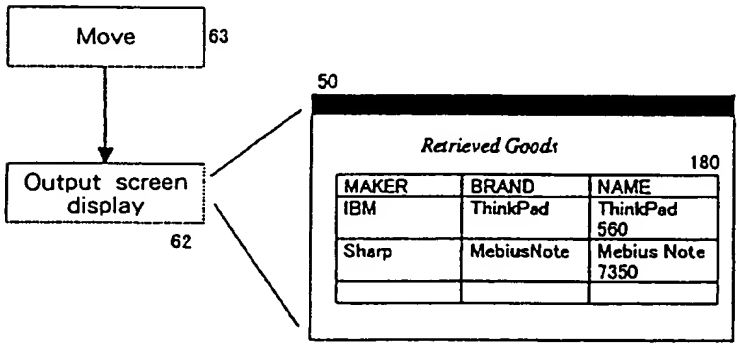
Example description for associated product

Fig. 19



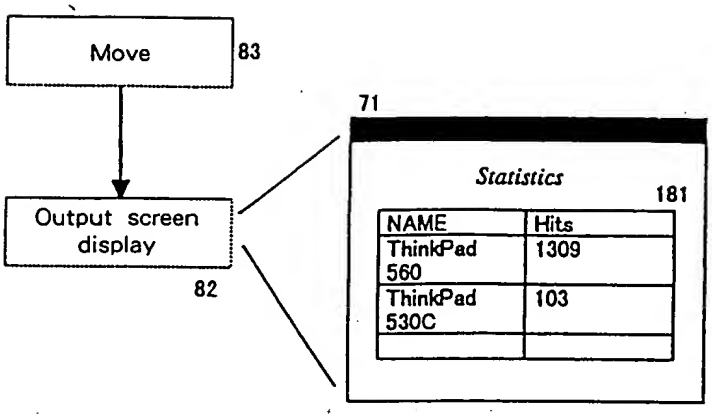
Withdrawal from mall

Fig. 20



Result display at customer terminal

Fig. 21



Result display at shop terminal

Fig. 22